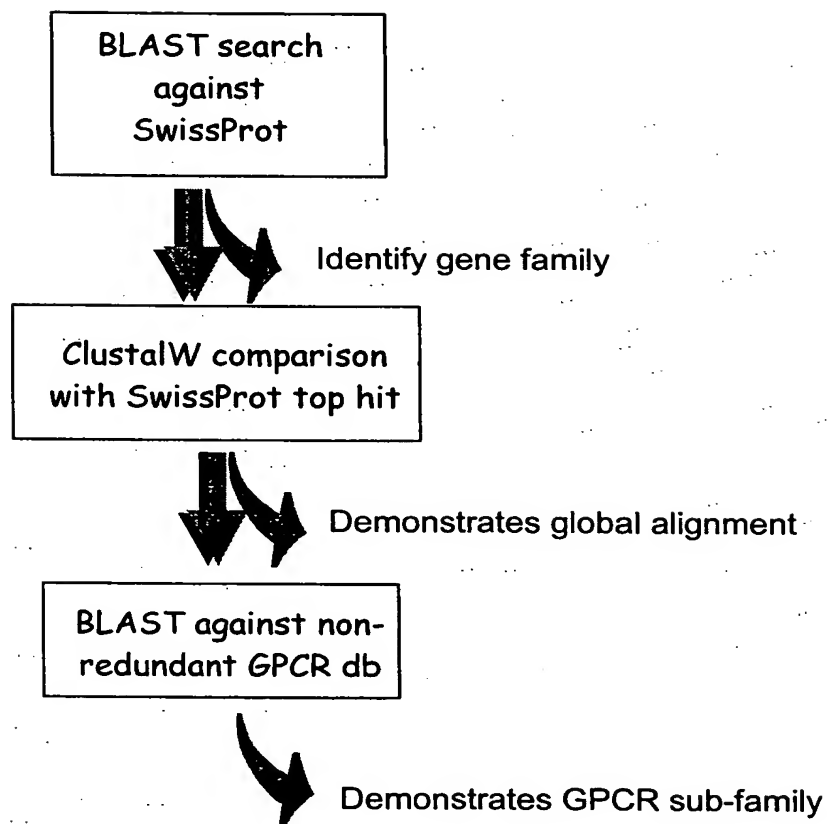


Figure 1

ClustalW Alignment of PFI-019 with P2Y purinoceptor 1 (P2Y1)

5	PFI-019 P2Y1	MNEPLDYLA-NASDFPDYA---AAFGN-----CTDENIPLKMHYLPVIYGI MTEVLWPAVPNGTDA AFLAGPGSSWGNSTVASTAAVSSSFKCALTKTGFQFYLLPAVYIL *. * . * : * . * : : * * * : : : * : : : * : *
10	PFI-019 P2Y1	IFLVGFPNAVVISITYIFKMRPWKSSTIIMLN LACTDLLYL TSLPFLIHYYASGENWIFG VFIIIGFLGNSVAIW MFV FHMKPWSGISVYM FN LALADFLY VLTLPALIFYFYNKTDWIFG : : : * * * : : * : * : : : : * : : : * : : * : : * : : * : *
15	PFI-019 P2Y1	DFMCKFIRFSHFNL YSSILFLTCS IFRYCV IHPMSCFS IHKTRCAVVACAVVWIISL DAMCKLQRFI FHVNLYGS ILFLT CISAH RYSGVVYPLKSLGR LKKKNAICISVLVWLIVV * * * : * * * : * * * : * * * : * * * : * * * : * * * : *
20	PFI-019 P2Y1	VAVIPMT FLITSTNR TNRS-ACL DLTSSDELNTIKWYNLILTATTFCLPLVIVTL CYTTI VAISPILFYSGTGVRKNKTITCYDTTSDEYLR SYFIYS MCTTVAMFCVPLVLILGCYGLI * : * : * : * : * : * : * : * : * : * : * : * : * : *
25	PFI-019 P2Y1	IHTLTHGLQTDSCLKQKARRLTILL LLAFYVCFLPFHILRVIRIESRLLSIS---CSIEN VRALIYKDLDNSPLRRKSIYLVII VLT VFAVS YIPFHVMKTMNLRARLDFQTPAMCAFND : : * : * : * : * : * : * : * : * : * : * : * : *
30	PFI-019 P2Y1	NNP----- ILPEFKONGDTSL

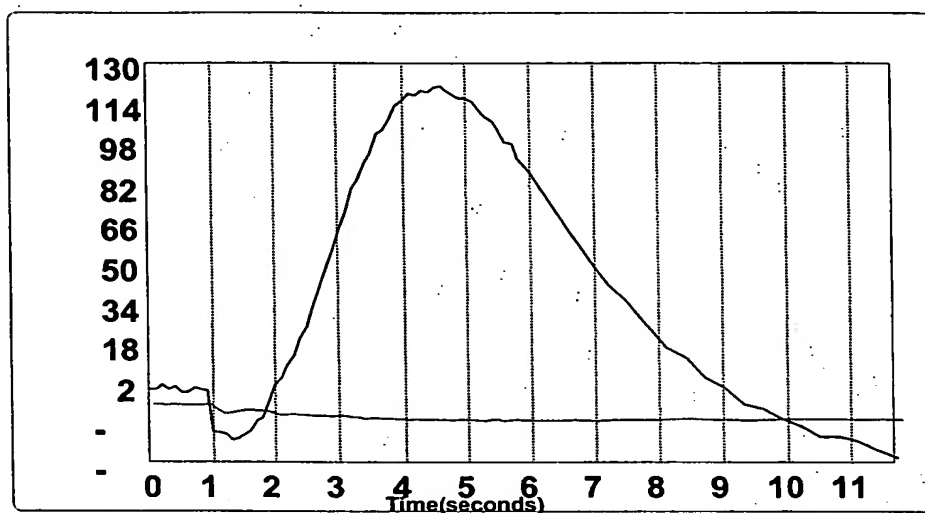
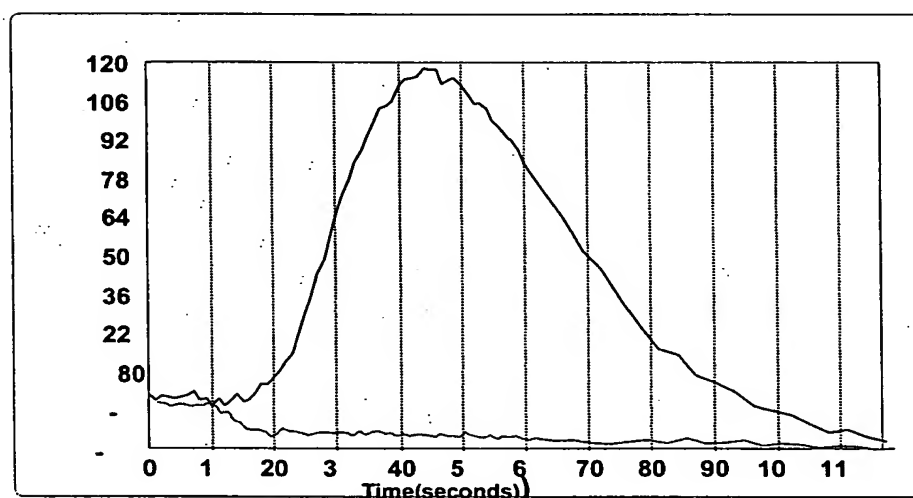
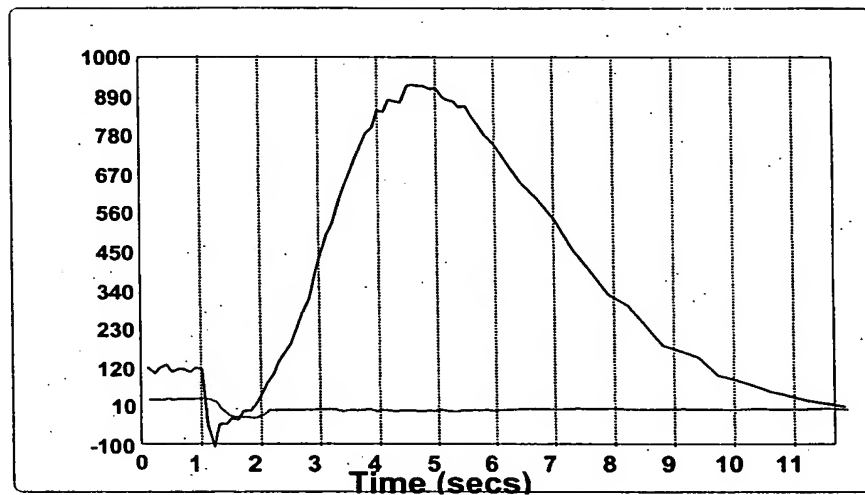
Figure 3: Stimulation of PFI-019 by 2-chloro-ATP**Figure 4: Stimulation of PFI-019 by 2-methyl-thio-ATP**

Figure 5: Stimulation of PFI-019 by 2-methyl-thio-ADP**Figure 6: Stimulation of PFI-019 by UTP**